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Sequence Listing could not be accepted.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Keisha Douglas

Timestamp: [year=2008; month=9; day=9; hr=16; min=48; sec=44; ms=79;]

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Reviewer Comments:

SEQUENCE LISTING

<110> DeveloGen AG f?wicklungsbiologische Forschung

<120> Use of a DG001 secreted protein product for preventing
and treating pancreatic diseases and/or obesity and/or
metabolic syndrome

<130> 31160PWO_GE

Per the above sample, foreign accents are non-ascii characters which
can not be processed.

Application No: 10560769 Version No: 1.0

Input Set:

Output Set:

Started: 2008-08-07 16:29:11.165
Finished: 2008-08-07 16:29:11.514
Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 349 ms
Total Warnings: 5
Total Errors: 0
No. of SeqIDs Defined: 5
Actual SeqID Count: 5

Error code	Error Description
W 402	Undefined organism found in <213> in SEQ ID (1)
W 402	Undefined organism found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)

<210> 1
 <211> 1300
 <212> DNA
 <213> human

 <220>
 <221> gene
 <222> (1)..(1300)
 <223> nucleic acid sequence encoding the human DG001
 protein

<400> 1
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 ccatttcctt tccgttcctt cctgtgcagg gcgtaattga gtcaaaggca ggatcaggtt 120
 ccccgccctt cagtccaaaa atcccgccaa gagagcccca gagcagagga aaatccaaag 180
 tggagagagg ggaagaaaga gaccagttag tcatccgtcc agaaggcggg gagagcagca 240
 ggggcccaag caggagctgc agcagagcgg gtacctggac tcagcggtag caacctcgcc 300
 ccttgcaaca aaggcagact gagcgccaga gaggacgttt ccaactcaaa aatgcaggct 360
 caacagtacc agcagcagcg tcgaaaattt gcagctgcct tcttggcatt cattttcata 420
 ctggcagctg tggatactgc tgaagcaggg aagaaagaga aaccagaaaa aaaagtgaag 480
 aagtctgact gtggagaatg gcagtggagt gtgtgtgtgc ccaccagtgg agactgtggg 540
 ctgggcacac gggagggcac tcggactgga gctgagtga agcaaaccat gaagaccag 600
 agatgtaaga tcccctgcaa ctggaagaag caatttggcg cggagtgaac ataccagttc 660
 caggcctggg gagaatgtga cctgaacaca gccctgaaga ccagaactgg aagtctgaag 720
 cgagccctgc acaatgccga atgccagaag actgtcacca tctccaagcc ctgtggcaaa 780
 ctgaccaagc ccaaacctca agcagaatct aagaagaaga aaaaggagg caagaaacag 840
 gagaagatgc tggattaaaa gatgtcacct gtggaacata aaaaggacat cagcaaacag 900
 gatcagttaa ctattgcatt tatatgtacc gtaggctttg tattcaaaaa ttatctatag 960
 ctaagtacac aataagcaaa aacaaaaaga aaagaaaatt tttgtagtag cgttttttaa 1020
 atgtatacta tagtaccagt aggggcttat aataaaggac tgtaatctta tttagggaag 1080
 tgacttatag tacatgataa atgatagaca attgaggtaa gttttttgaa attatgtgac 1140
 attttacatt aaattttttt tacatttttt gggcagcaat ttaaatgtta tgactatgta 1200
 aactacttct cttgttaggt aatttttttc acctagattt ttttcccaat tgagaaaaat 1260
 atatactaaa caaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 1300

<210> 2
 <211> 168
 <212> PRT
 <213> human

 <220>
 <223> amino acid sequence of human DG001 protein

<400> 2
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 1 5 10 15

 Phe Leu Ala Phe Ile Phe Ile Leu Ala Ala Val Asp Thr Ala Glu Ala
 20 25 30

 Gly Lys Lys Glu Lys Pro Glu Lys Lys Val Lys Lys Ser Asp Cys Gly
 35 40 45

 Glu Trp Gln Trp Ser Val Cys Val Pro Thr Ser Gly Asp Cys Gly Leu
 50 55 60

Gly Thr Arg Glu Gly Thr Arg Thr Gly Ala Glu Cys Lys Gln Thr Met
 65 70 75 80
 Lys Thr Gln Arg Cys Lys Ile Pro Cys Asn Trp Lys Lys Gln Phe Gly
 85 90 95
 Ala Glu Cys Lys Tyr Gln Phe Gln Ala Trp Gly Glu Cys Asp Leu Asn
 100 105 110
 Thr Ala Leu Lys Thr Arg Thr Gly Ser Leu Lys Arg Ala Leu His Asn
 115 120 125
 Ala Glu Cys Gln Lys Thr Val Thr Ile Ser Lys Pro Cys Gly Lys Leu
 130 135 140
 Thr Lys Pro Lys Pro Gln Ala Glu Ser Lys Lys Lys Lys Lys Glu Gly
 145 150 155 160
 Lys Lys Gln Glu Lys Met Leu Asp
 165

<210> 3
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: primer 5`-3

<220>
 <223> mouse DG001 forward primer

<400> 3
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<210> 4
 <211> 17
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: primer 5`-3

<220>
 <223> mouse DG001 reverse primer

<400> 4
 gctcgcttca ggctgcc 17

<210> 5
 <211> 30
 <212> DNA
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: probe

<220>

<223> mouse DG001 Taqman probe

<400> 5

tgacctcaat accgccttga agaccagaac

30